

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Jak2 (D2E12) XP® Rabbit mAb

RRID:AB_2128522

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3230, RRID:AB_2128522

Antibody Information

URL: http://antibodyregistry.org/AB_2128522

Proper Citation: Cell Signaling Technology Cat# 3230, RRID:AB_2128522

Target Antigen: JAK2

Host Organism: Rabbit

Clonality: unknown

Comments: Storage: Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.

Antibody Name: Jak2 (D2E12) XP® Rabbit mAb

Description: This unknown targets JAK2

Target Organism: rat, mouse, human

Clone ID: Unknown

Antibody ID: AB_2128522

Vendor: Cell Signaling Technology

Catalog Number: 3230

Record Creation Time: 20250820T062609+0000

Record Last Update: 20250821T000633+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Peng Wang](#), [Andrew Stewart](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Jak2 (D2E12) XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Guo W, et al. (2026) Tumor-initiating stem cells fine-tune the plasticity of neutrophils to sculpt a protective niche. *Cancer cell*, 44(1), 94.

Su X, et al. (2025) Mesothelin as a biomarker and potential therapeutic target in rheumatoid arthritis bone destruction. *Cell reports. Medicine*, 6(11), 102430.

Zhuo S, et al. (2025) Blocking glycogen synthase 1 in white adipose tissue alleviates hypermetabolism following severe burn injury through inhibition of JAK2 by UDPG. *Cell reports*, 44(12), 116577.

Lee JE, et al. (2025) Novel evidence in vivo: Berberine ameliorated glucocorticoid-induced post-natal growth retardation by regulating the GH/IGF-1 axis through KMT1A downregulation. *Toxicology and applied pharmacology*, 500, 117362.

Sun B, et al. (2025) A novel compound DBZ alleviates chronic inflammatory pain and anxiety-like behaviors by targeting the JAK2-STAT3 signaling pathway. *The Journal of biological chemistry*, 301(7), 110223.

Pequerul R, et al. (2025) Inter- and intra-tumoral ALDH1 heterogeneity in breast cancer identifies therapeutic opportunities for ALDH1A-specific inhibitors. *Cell chemical biology*.

Xu J, et al. (2025) The pro-inflammatory cytokine IL6 suppresses mitochondrial function via the gp130-JAK1/STAT1/3-HIF1 α /ERR α axis. *Cell reports*, 44(3), 115403.

Du Y, et al. (2025) GuBenPeiYuan Formula Inhibits Lung Cancer Metastasis by Suppressing Myeloid-Derived Suppressor Cells and Related Immune Cells. *Integrative cancer therapies*, 24, 15347354251324650.

Han J, et al. (2025) FGL2-induced metabolic dysregulation in enteric neural crest cells provides insight into Hirschsprung disease pathogenesis. *iScience*, 28(9), 113423.

Zhang H, et al. (2025) SOCS2 alleviates traumatic brain injury-induced mitochondrial damage and parthanatos in endothelial cells by inhibiting the JAK2/STAT3 signaling pathway. *Metabolic brain disease*, 40(7), 289.

Xie H, et al. (2025) Lymphotoxin-driven cancer cell eradication by tumoricidal CD8⁺ TIL. bioRxiv : the preprint server for biology.

Chiu PH, et al. (2025) Therapeutic stress triggers tumor STAT1 acetylation to disarm immunotherapy. Cell reports. Medicine, 6(11), 102448.

Mamidi MK, et al. (2025) Aberrantly Expressed Mitochondrial Lipid Kinase, AGK, Activates JAK2-Histone H3 Axis and BCR Signal: A Mechanistic Study with Implication in CLL Therapy. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(3), 588.

Dennaoui R, et al. (2025) STAT-independent functions of Janus kinases 1 and 2 are obligatory for the postnatal development of mammary epithelial ducts. Cell reports, 45(1), 116703.

Jin M, et al. (2024) Schisandrin B promotes hepatic differentiation from human umbilical cord mesenchymal stem cells. iScience, 27(2), 108912.

Wang R, et al. (2024) H3K9 lactylation in malignant cells facilitates CD8⁺ T cell dysfunction and poor immunotherapy response. Cell reports, 43(9), 114686.

Zhang J, et al. (2024) Influenza A virus infection activates STAT3 to enhance SREBP2 expression, cholesterol biosynthesis, and virus replication. iScience, 27(8), 110424.

Cao C, et al. (2024) CXCR4 orchestrates the TOX-programmed exhausted phenotype of CD8⁺ T cells via JAK2/STAT3 pathway. Cell genomics, 4(10), 100659.

He Z, et al. (2024) Campylobacter jejuni-derived cytolethal distending toxin promotes colorectal cancer metastasis. Cell host & microbe, 32(12), 2080.

Ghosh C, et al. (2024) Type I gamma phosphatidylinositol phosphate 5-kinase i5 controls cell sensitivity to interferon. Developmental cell.